

# **CONTRACT W56HZV-04-D-B103**

**DATED 29 SEP 04**

**SOLICITATION W56HZV-04-R-S103**

## **ATTACHMENT 001**

### **CONTRACT SPECIFICATIONS FOR CLINS 1031AA and 1032AA**

#### **TRUCK, MOBILE BLOOD COLLECTION UNIT**

The vehicle shall be provided with the following minimum equipment/capability:

##### **STANDARD EQUIPMENT:**

- Headlights.
- Turn Signals.
- Taillights.
- Brake Lights.
- Windshield Wipers.
- Exterior Rearview Mirrors.
- Tool box with standard tools, removable light, tire changing tools & lifting jack.
- Fire extinguisher, 6 kg.
- AM/FM radio cassette with speakers in both cab and blood collection areas.

##### **RATINGS:**

- Vehicle ratings shall be the manufacturer's published rating.
- Component ratings shall not be raised to meet requirements.
- All individual components, including engine, transmission, driveline, axles, suspension and tires shall be rated at the minimum gross vehicle weight rating (GVW).

##### **ENGINE:**

- Vehicle shall have a diesel engine capable of performing as specified herein on high sulfur content diesel fuel.
- Engine shall have coolant system and air filter designed for desert environment

##### **STEERING:**

- Left hand drive.
- Power steering.

##### **BRAKES:**

- Service brake system with ABS, and parking brake.

##### **ELECTRICAL SYSTEM:**

- 12 or 24 volt system for vehicle operation.
- 220 V 50 Hz for generator, interior/exterior lighting and all electrical appliances in blood collection area and storage.

##### **CAB (if separate from blood collection area):**

- Cab shall be fully enclosed, metal construction

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- Air conditioning and heating system shall be provided.

## **BODY & BLOOD COLLECTION AREA:**

- Blood collection area shall be fully enclosed.
- Shall have two entrance doors, one front and one rear, both on passenger side.
- Shall have retractable stairways for both entrance doors.
- Shall have extendable wall on driver's side (optional).
- Shall have four stabilizers/outriggers with sand pads, either electric over hydraulic or hydraulically operated.
- Floors and walls shall be of easily cleaned and sanitized material.
- Shall have at least 4 blood donation stations.
- Storage lockers for all blood collection apparatus.
- Blood storage refrigerator, large capacity.
- Interior and exterior lighting
- Interior security lighting with battery chargers.
- Microwave oven.
- Light duty kitchen sink for hand washing.
- Hot water heater.
- Clean water tank, 100 liter capacity, with AC/DC electric pump.
- Waste water tank.
- Windows with tinting, shades, shutters, or similar equipment to provide privacy.
- Separate donor screening/interview room.
- Lounge/rest area for blood donors.
- Thermostat controlled air conditioning and heating system shall be provided capable of running while engine is off. This system shall be capable of bringing the interior temperature up to/down to 20°C from the operating temperatures specified below.
- 220 V 50 Hz diesel generator rated to provide electricity for all interior electricity needs (refrigerator, lighting, hot water heater, water pump, heating/cooling system, etc.).

## **TIRES:**

- Radial, all-weather tread.
- Spare wheel and tire assembly secured under vehicle frame.

## **PERFORMANCE:**

- Vehicle and generator shall be capable of operating in temperatures ranging from -23°C to 52°C.
- Vehicle shall maintain a minimum speed of 89 kilometers per hour (kph) on a 2% grade while fully loaded.
- Vehicle shall brake to a stop within 10 meters from 32 kph while fully loaded.
- Parking brake shall hold the vehicle at GVW on a 30% longitudinal slope.

## **EXTERNAL/UNDER-FRAME STORAGE:**

- Shall be provided with lockable storage areas under blood collection areas of vehicle, large capacity.
- Interior lighting shall be provided in every external storage area.

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**PAINT & FINISH:**

- Exterior color of the vehicle shall be white.